DOCUMENT RESUME

ED 068 756 AC 012 862

AUTHOR	McBroom, Charles T., Jr.; And Others
TITLE	An Analysis of Selected Tennessee Extension Management Information System (TEMIS) Data.
INSTITUTION	Tennessee Univ., Knoxville. Agricultural Extension Service.
PUB DATE	Jun 72
NOTE	49p.; Research Summary of a Graduate Study; Extension Study 21, S.C. 796
EDRS PRICE	MF-$0.65 HC-$3.29
DESCRIPTORS	Data Processing; *Extension Agents; *Information Processing; *Information Retrieval; Information Systems; Information Utilization; Man Days; Masters Theses; Planning; Statistical Data; *Tables (Data); Technical Reports; Time
IDENTIFIERS	Tennessee

ABSTRACT

How Tennessee County Extension personnel spent their time in Fiscal Year 1970 and 1971 and how they planned their time in Fiscal Year 1971 are discussed in this master's thesis. Information on planned and expended time was retrieved through TEMIS (Tennessee Extension Management Information System). Wide variations were found to exist between time planned to be spent and actual time spent according to "elements." Extension personnel tended to underplan on every element except "Forestry Production and Marketing," in which overplanning occurred. Large increases in time spent and contacts made were noted for elements from Fiscal Year 1970 to 1971. "Subject" code groupings on district and State levels for 1970 and 1971 were considered and significant time and contact changes were noted. Comparative information for 1970 and 1971 was presented for Extension supervisory personnel. Recommendations for further study are included. (Author/RS)

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RESEARCH SUM ICULTURAL EXTENSION

Extension Study No. 21
S. C. 796

A Research Summary of a Graduate Study

AN ANALYSIS OF SELECTED TENNESSEE EXTENSION MANAGEMENT INFORMATION SYSTEM (TEMIS) DATA

Charles T. McBroom, Jr.,
Troy W. Hinton,
Cecil E. Carter, Jr. and
Robert S. Dotson

AGRICULTURAL EXTENSION EDUCATION
AGRICULTURAL EXTENSION SERVICE
THE UNIVERSITY OF TENNESSEE

June, 1972

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AN ANALYSIS OF SELECTED TENNESSEE EXTENSION MANAGEMENT INFORMATION SYSTEM (TEMIS) DATA

by

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March 1972*

ABSTRACT

The primary purpose of the study was to establish a benchmark regarding how Tennessee County Extension personnel spent their time in FY 1970 and 1971 according to district and state summaries. It also was designed to find out how the personnel had planned their time in FY 1971 according to state summary and to total projected allocation of Extension time according to state summary through FY 1975.

Specific objectives of the study were: (1) to determine the numbers and percents of man-days planned for work related to "elements," "purposes," "subjects," and "audiences" at district and state levels in FY 1971; (2) to determine the numbers and percents of man-days and contacts spent and the number of contacts per man-day made on work related to "elements," "purposes," "subjects," and "audiences" at district and state levels in FY 1970 and FY 1971; (3) to compare the numbers and percents of man-days planned for FY 1971 and time and contacts spent on work related to "elements," "purposes,"

*Date of completion of an M.S. degree thesis by Charles T. McBroom, Jr., entitled "A Benchmark Analysis of Selected State and District Data from the Tennessee Extension Management Information System (TEMIS), Fiscal Years 1970 and 1971" on which this summary is based.

"subjects," and "audiences" at district and state levels in FY 1970 and 1971; and (4) to determine how Extension time was planned to be allocated through FY 1975 by "elements" and "purposes," for the entire State of Tennessee.

Information on planned and expended time was retrieved through TEMIS which was operationalized in Tennessee beginning July 1, 1969.

In the first part of the study, planned and expended planned time totals of all personnel were analyzed using the national Extension Management Information System - State Extension Management Information System (EMIS - SEMIS) "elements" for FY 1971.

It was found that there were wide variations between time planned to be spent and actual time expended according to "elements."

Extension personnel in Tennessee tended to underplan on every "element" excepting "Forestry Production and Marketing" in which some over-planning occurred. Large increases in time spent and contacts made were noted for "elements" from FY 1970 to 1971.

In the second part of the study, "subject" code groupings were considered on district and state levels for FY 1970 and 1971. Significant time and contact changes were noted on both summaries. Also, comparative information on district expenditures was recorded for FY 1971.

A third part of the study considered "audience" grouping areas on district and state levels in FY 1970 and 1971. Significant shifts in time expenditures and contacts made on state summaries between FY 1970 and 1971 were noted. Comparative information was presented for the Extension supervisory staff for FY 1971.

It was recommended that study findings be used by Administrators and Supervisors to enhance future program planning and evaluation. Recommendations for further study were included.

RESEARCH SUMMARY*

I. INTRODUCTION

Problem

In order for the Tennessee Agricultural Extension Service to fulfill its mission as the educational arm of the United States Department of Agriculture and The University of Tennessee, it is important to know how Tennessee Extension personnel plan and spend their time. This study dealt with how Tennessee Extension personnel planned their time in FY 1971, as shown in the POW, at state level and how they spent their time in FY 1970 and 1971 at district and state levels. Also, it was desired to ascertain how Tennessee Extension personnel had planned their state time in the POWP extending through FY 1975.

Purposes

The specific purposes of this study were: (1) to determine the numbers and percents of man-days planned by Tennessee agents for work related to elements and purposes in state totals for FY 1971; (2) to determine the numbers and percents of man-days spent and contacts made, and the numbers of contacts per man-day made by agents on work related to elements, purposes, subjects, and audiences in district and state summaries for FY 1970 and 1971;

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(3) to compare the numbers and percents of man-days planned for FY 1971 and time spent and contacts made on work related to elements, purposes, subjects and audiences in district and state summaries for FY 1970 and 1971; and (4) to determine where Extension agents planned to spend time from FY 1971 through FY 1975 by elements and purposes in state summaries.

Research Methodology

A detailed analysis of how the Tennessee Agricultural Extension personnel planned and spent their time in district and state summaries was obtained from TEMIS in the form of computer print-outs by state purposes, primary subjects, and primary audiences.

The study was divided into three parts; the first being an analysis of district and state time planned by agents for FY 1971, actual expended time for FY 1970 and FY 1971, and a look at time planned through 1975. Time here was analyzed according to National Elements. In the second part of the study, subject groupings were analyzed in district and state summaries by time actually expended in FY 1970 and FY 1971. The third part of the study dealt with audience groupings in district and state summaries. Time expenditures here also were analyzed for FY 1970 and FY 1971.

II. FINDINGS

With regard to planned and expended time and contacts made on district and state levels according to Elements, Subjects, and Audiences; listed in the paragraphs that follow are some of the principle findings.

Time Spent and Contacts Made by Element Groupings

A summary of findings dealing with time spent and contacts made grouped under the National Elements includes the items listed below.

1. In FY 1971 in the state level summary of data, 23,109 more man-days were expended than in FY 1970. The additional man-days appeared in the areas of "Improve Nutrition" and "4-H Youth Development Programs" with only slight differences in man-days spent in other element areas.
2. In FY 1971 in the state level summary of data, 607,344 more contacts were made by staff than in FY 1970. These additional contacts appeared for the most part in "Marketing and Distribution," "Improve Nutrition," and "4-H Youth Development Programs."
3. In FY 1971, Extension personnel spent more time than they planned to spend in every area except "Forestry Production and Marketing" in which they planned to spend 1,101 man-days and actually spent 916 man-days.
4. With few exceptions in the state level data summary, there were wide variations between planned and expended times in the National Elements.
5. In the district level summaries for FY 1970, with few exceptions, time expended and contacts made were relatively consistent in all five Extension supervisory districts.
6. The POWP time planned varied little for 1972, 1973, 1974, and 1975; however, this time varied considerably from the time planned and the time actually expended in FY 1971.

Time Spent and Contacts Made by Subject Groupings

Regarding study findings related to time expended and contacts made according to primary subject groupings, the statements listed below apply.

1. In FY 1971 for the state level summaries, there was a total of 23,900 more man-days expended than in FY 1970 by subject groupings. The largest part of this time was spent in the subject area "Nutrition."
2. Between FY 1970 and 1971 there were significant shifts in Extension time expended and contacts made under the subject groupings.
3. According to the summaries of district level data for FY 1971, time expenditures and contacts made were relatively consistent between districts in most agricultural and 4-H and youth-related areas. However, large variations or changes were noted in the areas of nutrition and home economics.

Time Spent and Contacts Made by Subject and Audience Groupings

Findings concerning subject and audience categories for state and district levels in FY 1970 and 1971 included those presented below.

1. The widest variations of time at the state level in FY 1970 and 1971 were noted for audiences. Large time and contact variations were noted in nearly all audience categories.
2. The increases in total state time expended between FY 1970 and 1971 were noted most in the subject and audience classes which dealt with expanded nutrition work.
3. General agriculture and home economics state time expenditures were reduced; while administration and 4-H youth work had slight increases in man-days expended.

4. At the district level, there were multiple variations for time expended and contacts made within and among districts. The largest variations in contacts made were for general agriculture and adult work.
5. There were more variations at both state and district levels for audience groupings than for either National Element or subject groupings.

III. SUGGESTIONS

Some suggestions based on the findings of this study are presented below.

1. Supervisory and administrative staff members could use the findings of this benchmark study as they make future decisions regarding allocations of staff time in the areas of program emphasis for which Extension has responsibility.
2. Further study is suggested in specific work or audience areas (e.g., Beef, Clothing, Senior 4-H, Community Resources Development) using TEMIS information; which would help identify specific areas of need and future program emphasis.
3. It is further suggested that program accomplishment and personnel performance facts be related to TEMIS data in an effort to give additional meaning and utility to future computerized retrieval and analysis (e.g. Using stepwise regression analysis, what program accomplishment, agent performance and characteristic factors appear to be associated with high and low man-day expenditures, contacts made and contacts made per man-day?).

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APPENDIX

TABLE I

TENNESSEE EXTENSION MANAGEMENT INFORMATION SYSTEM (TEMIS) NATIONAL ELEMENT TIME EXPENDITURES ON THE STATE LEVEL FOR FISCAL 1970 AND 1971

National Extension Elements	FY 70 State Spent Time				FY 71 State Spent Time			
	Man-days Expended	Percent of Total	Number of Contacts	Percent of Total	Man-days Expended	Percent of Total	Number of Contacts	Percent of Total
Improving Farm Income	21,707	13.59	437,563	9.32	21,621	11.76	476,635	8.97
Soil and Water Conservation	307	19	5,752	.11	270	14	10,832	.20
Marketing and Distribution	3,842	2.40	454,926	9.69	4,042	2.20	564,293	10.64
International Extension	34	.01	486	.01	48	.02	554	.01
Improve Nutrition	36,977	23.14	373,257	7.95	55,986	30.48	533,030	10.06
Safety and Disasters	380	.23	12,344	.26	399	.22	10,002	.19
4-H Youth Development Programs	32,488	20.33	2,265,294	48.29	37,584	20.47	2,522,380	47.59
Family Living	9,730	6.08	350,623	7.48	10,435	5.68	339,340	6.38
Community Development	2,856	1.78	150,308	3.20	2,848	1.53	146,788	2.77
Recreation, Wildlife, and National Beauty	226	.14	9,490	.17	175	.10	4,247	.08
Forestry Production and Marketing	923	.57	9,623	.18	916	.50	28,342	.53
Resource Protection Environmental Improvement	38	.02	1,117	.02	110	.06	4,064	.07
Program Leadership and Administrative Support	50,244	31.44	622,420	13.25	48,425	26.38	658,033	12.43
TOTAL	159,752	99.92	4,691,203	99.93	182,861	99.97	5,298,547	99.92

TABLE II

TENNESSEE EXTENSION MANAGEMENT INFORMATION SYSTEM (TEMIS) CONTACTS PER MAN-DAY ON THE STATE LEVEL IN FISCAL 1970 AND 1971

Element	State Contacts Per Man-day Fiscal 1970	State Contacts Per Man-day Fiscal 1971
1. Improving Farm Income	20	22
2. Soil and Water Conservation	19	40
3. Marketing and Distribution	118	140
4. International Extension	14	12
5. Improve Nutrition	10	9
6. Safety and Disasters	32	25
7. 4-H Youth Development Programs	70	69
8. Family Living	36	33
9. Community Development	53	50
10. Recreation, Wildlife, and Natural Beauty	38	24
11. Forestry Production and Marketing	9	31
12. Resource Protection Environmental Improvement	30	37
13. Program Leadership and Administrative Support	14	13
Total Average	29	29

TABLE III

TENNESSEE EXTENSION MANAGEMENT INFORMATION SYSTEM (TEMIS) NATIONAL ELEMENT
PLANNED VERSUS EXPENDED TIME ON THE STATE LEVEL IN FISCAL 1971

Elements	FY 71 Planned Time Man-days Planned	FY 71 Spent Time Man-days Expended	Percent Time Planned Actually Spent
1. Improving Farm Income	21,377	21,621	101.1
2. Soil and Water Conservation	253	270	106.7
3. Marketing and Distribution	3,268	4,042	123.7
4. International Extension	3	48	1600.0
5. Improve Nutrition	5,217	6,377	122.2
6. Safety and Disasters	345	399	115.7
7. 4-H Youth Development Programs	31,661	37,584	118.7
8. Family Living	10,135	10,435	103.0
9. Community Development	2,422	2,848	117.6
10. Recreation, Wildlife and Natural Beauty	140	175	125.0
11. Forestry Production and Marketing	1,101	916	83.2
12. Resource Protection Environmental Improvement	68	110	161.8
13. Program Leadership and Administrative Support	30,976	48,425	156.3
Purpose Code 392	40,784	49,609	121.6
Total	147,750	182,861	123.8

TABLE IV

TENNESSEE EXTENSION MANAGEMENT INFORMATION SYSTEM (TEMIS) NATIONAL ELEMENT
PROJECTED PLANNED VERSES EXPENDED TIME ON THE STATE
LEVEL IN FISCAL 1971

Elements	Planned Man-days (80 Percent Expended)	Projected (100 Percent Time*)	Man-days Expended	Difference in Man-days**	Percent Variation***
1. Improving Farm Income	21,377	26,456	21,621	4,835	18.3
2. Soil and Water Conservation	253	313	270	43	13.7
3. Marketing and Distribution	3,268	4,044	4,042	2	.04
4. International Extension	3	4	48	44	1100.0
5. Improve Nutrition	5,217	6,457	6,377	80	1.2
6. Safety and Disaster	345	427	399	28	6.6
7. 4-H Youth Development Programs	31,661	39,184	37,584	1,600	4.1
8. Family Living	10,135	12,543	10,435	2,108	16.8
9. Community Development	2,422	2,997	2,848	149	5.0
10. Recreation, Wildlife, and Natural Beauty	140	173	175	2	1.2
11. Forestry Production and Marketing	1,101	1,363	916	447	32.8
12. Resource Protection Environmental Improvement	68	84	110	26	31.0
13. Program Leadership and Administrative Support	30,976	38,336	48,425	10,089	26.3
Purpose Code 392	40,784	50,474	49,609	865	1.7
Total	147,750	182,855	182,861	6	.00

*Estimated by adding 20 percent more to time planned in FY 1971 POW for each item in the list. This assumes the 20 percent unplanned for FY 1971 was to be equally distributed.

**Obtained by subtracting man-days expended from projected man-days.

***Obtained by dividing difference in man-days by projected man-days.

TABLE V

TENNESSEE EXTENSION MANAGEMENT INFORMATION SYSTEM (TEMIS) NATIONAL ELEMENT
DISTRICT TIME EXPENDITURES IN FISCAL 1970

Elements	DISTRICT I		DISTRICT II		DISTRICT III		DISTRICT IV		DISTRICT V	
	Man-days Expended	Percent of Total	Man-days Expended	Percent of Total	Man-days Expended	Percent of Total	Man-days Expended	Percent of Total	Man-days Expended	Percent of Total
1. Improving Farm Income	4,710	14.3	4,306	12.4	2,669	12.0	1,800	9.9	3,448	12.9
2. Soil and Water Conservation	129	.4	26	.1	15	.1	15	.1	12	.1
3. Marketing and Distribution	1,097	3.3	719	2.1	387	1.7	410	2.3	591	2.2
4. International Extension	1	0	7	0	1	0	2	0	3	0
5. Improve Nutrition	8,445	25.6	8,684	25.0	5,612	25.2	6,649	36.6	5,731	21.5
6. Safety and Disasters	54	.2	51	.2	14	.1	34	.2	23	.1
7. 4-H Youth Development Programs	6,194	18.8	8,274	23.8	5,017	22.5	3,580	20.0	6,545	24.5
8. Family Living	2,472	7.5	2,838	8.2	1,639	7.4	742	4.1	144	5.4
9. Community Development	387	1.2	735	2.1	342	1.5	347	1.9	425	1.6
10. Recreation, Wildlife, and Natural Beauty	53	.2	28	.1	33	.2	21	.1	38	.1
11. Forestry Production and Marketing	78	.2	37	.1	20	.1	25	.1	51	.2
12. Resource Protection Environmental Improv.	9	0	3	0	6	0	1	0	6	0
13. Program Leadership and Adm. Support	9,346	28.3	9,054	26.1	6,551	29.4	4,563	25.0	8,393	31.4
Total	32,975	100.0	34,762	100.0	22,307	100.0	18,190	100.0	26,706	100.0

TABLE VI

TENNESSEE EXTENSION MANAGEMENT INFORMATION SYSTEM (TEMIS) NATIONAL ELEMENT
DISTRICT CONTACT EXPENDITURES IN FISCAL 1970

Elements	DISTRICT I		DISTRICT II		DISTRICT III		DISTRICT IV		DISTRICT V	
	Man-days Expended	Percent of Total	Man-days Expended	Percent of Total	Man-days Expended	Percent of Total	Man-days Expended	Percent of Total	Man-days Expended	Percent of Total
1. Improving Farm Income	98,835	9.01	93,789	8.11	67,067	9.70	35,118	6.97	68,107	7.88
2. Soil and Water Conservation	935	.09	925	.08	1,344	.19	195	.08	260	.03
3. Marketing and Distribution	120,933	11.03	114,693	9.92	96,844	14.01	36,941	7.34	73,621	8.52
4. International Extension	53	.00	80	.01	186	.03	68	.01	60	.01
5. Improve Nutrition	103,088	9.40	96,651	8.36	61,848	8.95	47,645	9.46	51,971	6.01
6. Safety and Disasters	2,492	.23	1,775	.15	155	.02	1,065	.21	1,038	.12
7. 4-H Youth Development Programs	480,324	43.80	606,681	52.45	317,352	45.91	283,386	56.28	453,597	52.49
8. Family Living	84,371	7.69	89,856	7.77	62,175	9.00	23,883	4.74	83,845	9.70
9. Community Development	20,378	1.86	43,081	3.72	19,150	2.77	26,719	5.31	27,643	3.20
10. Recreation, Wildlife, and Natural Beauty	1,423	.13	1,578	.14	896	.13	1,070	.21	2,732	.32
11. Forestry Production and Marketing	2,683	.24	701	.06	268	.04	387	.08	534	.06
12. Resource Protection Environmental Improv.	174	.02	101	.01	429	.06	0	0	212	.02
13. Program Leadership and Adm. Support	180,947	16.50	106,772	9.23	63,487	9.19	47,074	9.35	100,569	11.64
Total	1,096,696	100.0	1,156,683	100.0	691,201	100.0	503,551	100.0	864,189	100.0

TABLE VII

TENNESSEE EXTENSION MANAGEMENT INFORMATION SYSTEM (TEMIS) NATIONAL ELEMENT
DISTRICT CONTACTS PER MAN-DAY IN FISCAL 1970

Elements	DISTRICT I Contacts per Man-day	DISTRICT II Contacts per Man-day	DISTRICT III Contacts per Man-day	DISTRICT IV Contacts per Man-day	DISTRICT V Contacts per Man-day
1. Improving Farm Income	21	22	25	20	20
2. Soil and Water Conservation	7	36	90	13	22
3. Marketing and Distribution	110	160	250	90	125
4. International Extension	53	11	186	34	20
5. Improve Nutrition	12	11	11	7	9
6. Safety and Disasters	46	35	11	31	45
7. 4-H Youth Development Programs	78	73	63	79	69
8. Family Living	34	32	38	32	58
9. Community Development	53	59	56	77	65
10. Recreation, Wildlife, and Natural Beauty	27	56	27	51	72
11. Forestry Production and Marketing	34	19	13	15	10
12. Resource Protection Environmental Improvement	19	34	72	0	35
13. Program Leadership and Administrative Support	19	12	10	10	12
Total Average	33	33	31	28	32

TABLE VIII

TENNESSEE EXTENSION MANAGEMENT INFORMATION SYSTEM (TEMIS) NATIONAL ELEMENT PLAN OF WORK PROJECTION TIME (POWP)

Element	FY 1972 Man-days Planned	FY 1972 Percent of total	FY 1973 Man-days Planned	FY 1973 Percent of Total	FY 1974 Man-days Planned	FY 1974 Percent of Total	FY 1975 Man-days Planned	FY 1975 Percent of Total
1. Improving Farm Income	25,385	16.92	25,318	16.89	25,304	16.87	25,321	16.89
2. Soil and Water Conservation	357	.23	358	.23	355	.23	351	.23
3. Marketing and Distribution	3,791	2.52	3,777	2.52	3,742	2.49	3,792	2.53
4. International Extension	3	.00	3	.00	3	.00	3	.00
5. Improve Nutrition	32,602	21.47	32,572	21.73	32,558	21.71	32,623	21.77
6. Safety and Disasters	432	.28	422	.28	429	.28	412	.27
7. 4-H Youth Development Program	36,266	24.15	36,308	24.22	36,329	24.23	36,346	24.25
8. Family Living	11,499	7.66	11,612	7.74	11,572	7.71	11,579	7.72
9. Community Development	2,938	1.95	3,012	2.01	3,015	2.01	3,045	2.03
10. Recreation, Wildlife, and Natural Beauty	191	.12	191	.12	199	.13	208	.13
11. Forestry Production and Marketing	1,043	.69	1,050	.70	1,068	.71	1,066	.71
12. Resource Protection Environmental Improvement	166	.07	127	.08	137	.09	145	.09
13. Program Leadership and Administrative Support	35,376	23.59	35,091	23.41	35,204	23.48	34,957	23.32
Total	149,959	100.0	149,850	100.0	149,915	100.0	149,848	100.0

TABLE IX

TENNESSEE EXTENSION MANAGEMENT INFORMATION SYSTEM (TEMIS) SUBJECT CODE GROUPINGS ACCORDING TO TIME EXPENDITURES AND CONTACTS MADE IN FISCAL 1970 AND 1971 ON THE STATE LEVEL

Subject Code Grouping	FY 1970 Spent Time				FY 1971 Spent Time			
	Man-days Expended	Percent of Total	Number of Contacts	Percent of Total	Man-days Expended	Percent of Total	Number of Contacts	Percent of Total
1. Food (all)	2,103	1.30	282,860	6.02	3,045	1.65	309,932	5.84
2. General Agriculture	4,366	2.68	122,984	2.62	4,525	2.42	151,376	2.85
3. General Economics	358	.21	10,078	.21	222	.11	6,661	.12
4. Mechanical Science	672	.42	44,701	.95	662	.35	60,729	1.14
5. Animal and An. Products	1,362	.84	63,565	1.35	1,092	.55	44,191	.83
6. Beef and Beef Products	5,392	3.35	161,807	3.44	4,968	2.71	152,011	2.87
7. Dairy and Dairy Products	3,498	2.17	94,173	2.00	3,317	1.80	86,470	1.63
8. Forest Testing	99	.06	749	.01	103	.05	1,287	.02
9. Horses	239	.14	24,399	.52	383	.19	33,466	.63
10. Poultry and Poultry Prod.	1,017	.58	45,846	.96	1,016	.50	31,998	.58
11. Sheep and Sheep Prod.	167	.08	6,026	.12	171	.08	5,073	.09
12. Other Animals	86	.04	7,802	.16	74	.03	6,185	.11
13. Crops and Crop Prod.	3,812	2.23	109,953	2.27	3,684	1.77	123,189	2.28
14. Corn	983	.60	19,617	.41	2,031	1.09	48,591	.91
15. Cotton and Cotton Prod.	1,323	.80	32,562	.69	1,151	.61	31,702	.15

TABLE IX (continued)

Subject Code Grouping	FY 1970 Spent Time				FY 1971 Spent Time			
	Man-days Expended	Percent of Total	Number of Contacts	Percent of Total	Man-days Expended	Percent of Total	Number of Contacts	Percent of Total
16. Feed Grains	140	.05	1,518	.03	302	.16	8,409	.15
17. Swine and Swine Prod.	4,576	2.84	146,471	3.12	4,669	2.53	178,957	3.37
18. Soybeans	629	.39	13,886	.29	834	.43	23,204	.43
19. Tobacco	1,182	.71	38,520	.82	1,262	.67	62,006	1.17
20. Horticulture (general)	1,722	1.04	56,354	1.16	2,568	1.31	87,581	1.63
21. Soils (general)	1,187	.75	27,471	.56	1,102	.61	32,112	.59
22. Home Economics	2,931	1.80	95,291	2.03	2,632	1.41	166,708	3.14
23. Clothing	4,364	2.73	145,316	2.70	4,300	2.31	131,629	2.47
24. Crafts	2,026	1.26	107,283	2.28	2,022	1.07	130,760	2.46
25. Equipment	248	.16	8,582	.18	237	.13	9,018	.17
26. Family Economics	950	.58	39,959	.85	1,029	.53	46,850	.88
27. Home Furnishings	2,455	1.53	117,838	2.50	2,562	1.38	86,601	1.62
28. Housing	348	.21	7,542	.16	478	.23	10,869	.20
29. Conservation	1,063	.65	73,911	1.55	1,063	.57	96,155	1.79
30. Wildlife	98	.06	3,654	.07	65	.04	3,547	.06
31. Forest and Forest Prod.	1,026	.65	17,116	.33	973	.53	17,815	.33

TABLE IX (continued)

Subject Code Grouping	FY 1970 Spent Time				FY 1971 Spent Time			
	Man-days Expended	Percent of Total	Number of Contacts	Percent of Total	Man-days Expended	Percent of Total	Number of Contacts	Percent of Total
32. Family Living and Env.	140	.05	1,518	.03	302	.16	8,409	.15
33. Health	450	.28	35,052	.74	603	.33	43,929	.82
34. Home Gardening		None			3,100	1.69	43,963	.82
35. Home Garden	630	.39	18,793	.40	780	.42	21,322	.40
36. Human Development	572	.36	34,493	.73	595	.32	41,165	.77
37. Human Relations	223	.14	7,890	.16	207	.11	7,627	.14
38. Personal Appearance	225	.14	16,161	.34	179	.10	10,335	.19
39. Reading	133	.08	7,896	.16	162	.09	10,199	.19
40. Safety	478	.30	59,727	1.27	402	.22	41,469	.78
41. Nutrition	33,389	20.90	400,074	8.35	47,116	25.76	580,925	10.95
42. Pest	344	.11	5,412	.22	241	.13	9,361	.17
43. Science Programs	404	.25	23,343	.48	358	.20	25,647	.48
44. Emergency Preparedness and Natural Disasters	97	.06	2,439	.05	63	.12	5,133	.09
45. Citizenship	498	.31	33,609	.71	473	.26	32,521	.61
46. Photography	161	.10	13,453	.28	144	.08	6,247	.11
47. Institution Management and Operations	130	.08	7,558	.16	65	.04	2,087	.03

TABLE IX (continued)

Subject Code Grouping	FY 1970 Spent Time				FY 1971 Spent Time			
	Man-days Expended	Percent of Total	Number of Contacts	Percent of Total	Man-days Expended	Percent of Total	Number of Contacts	Percent of Total
48. Leadership Development	2,075	1.30	173,001	3.68	3,180	1.73	172,373	3.25
49. Organizational Work	5,503	3.45	551,794	11.75	6,365	3.46	578,893	10.91
50. Events and Activities	11,321	7.09	816,189	17.39	12,003	6.54	877,840	16.67
51. Community Study and Service Projects	227	.14	6,902	.14	303	.16	15,278	.28
52. National Resource Dev.	1,269	.80	61,769	1.30	1,106	.60	60,637	1.13
53. Community Education	65	.04	2,894	.12	123	.06	3,733	.06
54. Transportation		None				None		
55. Government		None				None		
56. Legislation		None				None		
57. Financing--Pub. and Priv. Facilities	204	.12	6,431	.13	195	.07	7,789	.13
58. Planning Zone		None				None		
59. Pollution (general)	130	.08	5,224	.07	283	.15	10,161	.15
60. International Programs	38	.02	841	.01	58	.02	1,178	.01
61. Program Development	5,130	3.21	100,737	21.14	8,207	4.47	132,528	2.49
62. Program Review, Proposals Pilot	296	.19	3,759	.07	361	.20	9,233	.16

TABLE IX (continued)

Subject Code Grouping	FY 1970 Spent Time				FY 1971 Spent Time			
	Man-days Expended	Percent of Total	Number of Contacts	Percent of Total	Man-days Expended	Percent of Total	Number of Contacts	Percent of Total
63. Program Evaluation	1,171	.73	6,318	.13	2,050	1.12	14,439	.27
64. General Office	12,386	7.75	127,584	2.71	2,932	1.60	38,490	.72
65. Leave (annual)	7,687	4.81	108	.00	7,785	4.24	95	.00
66. Leave (other)	5,051	3.16	4,590	.09	6,157	3.34	1,994	.02
67. Leave (sick)	1,786	1.12	6	.00	2,318	1.26	29	.00
68. General Staff Conference	3,533	2.21	33,834	.72	2,932	1.60	38,490	.72
69. Civil Rights		None			73	.04	440	.00
70. Administration	5,815	3.64	117,934	2.47	8,031	4.37	168,941	3.13
71. Training	6,468	4.02	40,043	.64	2,852	1.55	11,535	.19
Total	159,752	99.30	4,691,203	98.43	183,652	99.27	5,295,522	99.28

TABLE X

TENNESSEE EXTENSION MANAGEMENT INFORMATION SYSTEM (TEMIS) SUBJECT CODE GROUPING CONTACTS PER MAN-DAY ON THE STATE LEVEL IN FISCAL 1970 AND 1971

Subject Code Grouping	State Contacts Per Man-Day Fiscal 1970	State Contacts Per Man-Day Fiscal 1971
1. Food (all)	134	102
2. General Agriculture	28	33
3. General Economics	37	30
4. Mechanical Science	66	92
5. Animal and Animal Products	46	40
6. Beef and Beef Products	30	30
7. Dairy and Dairy Products	27	27
8. Forage Test	8	13
9. Horses	102	87
10. Poultry and Poultry Products	46	32
11. Sheep and Sheep Products	36	29
12. Other Animals	91	83
13. Crops and Crop Products	28	33
14. Corn	20	23
15. Cotton and Cotton Products	25	28
16. Feed Grains	10	27
17. Swine and Swine Products	32	38
18. Soybeans	22	28
19. Tobacco	33	49
20. Horticulture (general)	32	34
21. Soils (general)	23	29
22. Home Economics	32	64
23. Clothing	33	30
24. Crafts	52	64
25. Equipment	34	38

TABLE X (Continued)

Subject Code Grouping	State Contacts Per Man-day Fiscal 1970	State Contacts Per Man-day Fiscal 1971
26. Family Economics	43	46
27. Home Furnishings	47	33
28. Housing	21	22
29. Conservation	70	90
30. Wildlife	37	54
31. Forest and Forest Products	17	18
32. Family Living and Env.	29	22
33. Health	77	73
34. Home Gardening	None	15
35. Home Grounds and Landsc.	30	27
36. Human Development	60	69
37. Human Relations	36	36
38. Personal Appearance	71	57
39. Reading	59	62
40. Safety	124	104
41. Nutrition	11	12
42. Pest	15	38
43. Science Programs	57	71
44. Emergency Prep. and Natural Disasters	25	81
45. Citizenship	67	68
46. Photography	84	44
47. Institution Man. and Oper.	58	32
48. Leadership Development	84	55
49. Organizational Work	100	91
50. Events and Activities	72	73
51. Community Study and Service Projects	31	50
52. Natural Resource Dev.	49	55
53. Community Education	115	30
54. Transportation	None	None

TABLE X (continued)

Subject Code Grouping	State Contacts Per Man-day Fiscal 1970	State Contacts Per Man-day Fiscal 1971
55. Government	None	None
56. Legislation	None	None
57. Financing--Pub. and Priv. Facilities	31	39
58. Planning Zone	None	None
59. Pollution (general)	40	35
60. International Programs	23	20
61. Program Development	19	16
62. Program Review, Proposals, Pilot	12	25
63. Program Evaluation	5	8
64. General Office	10	13
65. Leave (annual)	None	None
66. Leave (other)	None	None
67. Leave (sick)	None	None
68. General Staff Conference	9	13
69. Civil Rights	None	6
70. Administrative	20	21
71. Training	6	4
Average	30	28

TABLE XI

TENNESSEE EXTENSION MANAGEMENT INFORMATION SYSTEM (TEMIS) SUBJECT CODE GROUPINGS
ACCORDING TO TIME EXPENDITURES MADE IN FISCAL 1971 ON THE STATE LEVEL

Subject	DISTRICT I		DISTRICT II		DISTRICT III		DISTRICT IV		DISTRICT V	
	Man-days Expended	Percent of Total	Man-days Expended	Percent of Total	Man-days Expended	Percent of Total	Man-days Expended	Percent of Total	Man-days Expended	Percent of Total
1. Food (all)	653	1.59	421	1.07	473	1.60	187	.75	393	1.20
2. General Agriculture	910	2.21	924	2.33	755	2.52	233	.91	966	2.97
3. General Economics	60	.12	53	.11	14	.02	21	.07	60	.16
4. Mechanical Science	155	.36	92	.23	103	.33	66	.27	112	.34
5. Animal and Animal Prod.	183	.35	231	.54	107	.32	114	.44	254	.75
6. Beef and Beef Prod.	1,185	2.55	1,164	2.97	520	1.76	727	3.02	1,070	3.28
7. Dairy and Dairy Prod.	311	.67	664	1.68	564	1.90	279	1.12	658	2.01
8. Forage Test	16	.03	16	.04	11	.03	6	.02	14	.04
9. Horses	143	.31	108	.24	51	.16	31	.09	48	.12
10. Poultry and Poultry Prod.	210	.41	186	.41	139	.39	30	.09	201	.65
11. Sheep and Sheep Prod.	23	.03	52	.09	26	.08	19	.05	12	.01
12. Other Animals	14	.02	18	.03	8	.02	15	.05	21	.05
13. Crops and Crop Prod.	976	2.07	739	1.64	514	1.19	312	1.14	688	1.90
14. Corn	525	1.20	319	.78	394	1.31	410	1.65	273	.81
15. Cotton and Cotton Prod.	889	2.10	45	.09	15	.04	2	.00	3	.00
16. Feed Grains	147	.31	74	.15	30	.09	16	.04	12	.02
17. Swine and Swine Prod.	1,642	3.95	1,156	2.95	455	1.51	714	2.89	450	1.36
18. Soybeans	502	1.17	52	.10	92	.28	26	.09	6	.01
19. Tobacco	5	.00	357	.87	85	.22	200	.79	492	1.50
20. Horticulture (general)	901	1.97	391	.82	230	.66	183	.64	426	1.08
21. Soils (general)	197	.41	169	.40	138	.44	78	.29	127	.36
22. Home Economics	520	1.21	334	.81	412	1.40	681	2.80	571	1.77
23. Clothing	1,085	2.56	1,306	3.32	632	2.09	363	1.39	679	2.05
24. Crafts	516	1.21	534	1.33	410	1.38	172	.69	368	1.11

TABLE XI (continued)

Subject	DISTRICT I		DISTRICT II		DISTRICT III		DISTRICT IV		DISTRICT V	
	Man-days Expended	Percent of Total	Man-days Expended	Percent of Total	Man-days Expended	Percent of Total	Man-days Expended	Percent of Total	Man-days Expended	Percent of Total
25. Equipment	72	.14	37	.08	58	.18	41	.16	31	.09
26. Family Economics	236	.52	248	.61	174	.57	90	.33	208	.61
27. Home Furnishings	761	1.77	774	1.92	437	1.43	222	.85	358	1.07
28. Housing	162	.34	109	.25	59	.19	53	.19	53	.13
29. Conservation	156	.37	80	.19	174	.58	93	.38	234	.71
30. Wildlife	30	.07	11	.03	7	.02	0	.00	8	.02
31. Forest and Forest Prod.	149	.35	121	.29	108	.36	66	.26	181	.56
32. Family Living Envir.	129	.31	169	.44	365	1.26	35	.15	126	.39
33. Health	248	.60	111	.29	86	.29	73	.30	72	.22
34. Home Gardening	645	1.57	710	1.85	719	2.49	390	1.64	512	1.61
35. Home Grounds and Lands.	234	.57	187	.49	93	.32	47	.19	150	.47
36. Human Development	91	.22	88	.23	240	.83	51	.21	110	.34
37. Human Relations	47	.11	59	.15	57	.20	19	.08	17	.05
38. Personal Appearance	44	.10	.42	.11	43	.15	14	.06	33	.10
39. Reading	58	.14	77	.20	6	.02	10	.04	11	.03
40. Safety	179	.43	50	.13	51	.17	38	.16	53	.16
41. Nutrition	11,657	28.43	10,469	27.35	7,510	26.01	9,543	40.09	7,471	23.54
42. Pests	54	.13	42	.11	14	.05	10	.04	31	.09
43. Science Programs	34	.07	42	.11	61	.20	49	.20	127	.40
44. Emergency Preparedness and Natural Disasters	68	.16	48	.11	23	.07	26	.11	30	.09
45. Citizenship	40	.09	134	.35	24	.08	26	.11	62	.19
46. Photography	9	.09	134	.35	24	.08	26	.11	62	.12
47. Institution Management and Operations	8	.02	15	.03	13	.04	5	.02	17	.05
48. Leadership Development	652	1.59	707	1.84	483	1.67	441	1.85	709	2.23
49. Organizational Work	1,418	3.45	1,890	4.92	802	2.77	500	2.09	1,576	4.96

TABLE XI (continued)

Subject	DISTRICT I Man-days Expended	DISTRICT I Percent of Total	DISTRICT II Man-days Expended	DISTRICT II Percent of Total	DISTRICT III Man-days Expended	DISTRICT III Percent of Total	DISTRICT IV Man-days Expended	DISTRICT IV Percent of Total	DISTRICT V Man-days Expended	DISTRICT V Percent of Total
50. Events and Activities	2,369	5.78	3,181	8.31	1,656	5.73	1,233	5.18	2,257	7.11
51. Community Study and Service Projects	99	.24	65	.17	30	.10	38	.16	40	.12
52. Natural Resource Dev.	213	.50	225	.58	167	.57	135	.55	242	.75
53. Community Education	10	.02	46	.11	0	.00	5	.02	20	.05
54. Transportation	0	.00	0	.00	0	.00	0	.00	0	.00
55. Government	0	.00	0	.00	0	.00	0	.00	0	.00
56. Legislation	0	.00	0	.00	0	.00	0	.00	0	.00
57. Financing—Pub. and Priv. Facilities	61	.15	54	.12	10	.02	31	.12	21	.05
58. Planning or Zoning	0	.00	0	.00	0	.00	0	.00	0	.00
59. Pollution	40	.08	40	.07	38	.10	19	.06	29	.05
60. International Programs	31	.03	10	.02	2	.00	4	.01	7	.02
61. Program Development	1,226	2.97	1,364	3.56	1,918	6.64	882	3.70	1,584	4.98
62. Program Review, Prop., Pilot	31	.06	442	1.14	27	.08	33	.13	101	.31
63. Program Evaluation	194	.47	416	1.08	735	2.54	125	.52	286	.90
64. General Office	2,417	5.89	1,703	4.45	2,010	6.96	1,302	5.47	1,775	5.59
65. Leave (annual)	1,709	4.17	1,772	4.63	1,145	3.96	825	3.46	1,249	3.93
66. Leave (other)	1,231	3.09	1,330	3.39	954	3.30	686	2.88	1,112	2.49
67. Leave (sick)	689	1.68	389	1.01	410	1.42	227	.95	371	1.17
68. General Staff Conf.	561	1.37	402	1.05	389	1.34	363	1.52	480	1.51
69. Civil Rights	3	.00	5	.01	1	.00	18	.07	8	.02
70. Administrative	1,179	2.83	1,312	2.39	1,155	3.97	846	3.44	1,593	4.98
71. Training	133	.30	346	.87	414	1.41	318	1.32	429	1.34
Total	40,992	100.00	38,262	100.00	28,864	100.00	23,792	100.00	31,713	100.00

TABLE XII

TENNESSEE EXTENSION MANAGEMENT INFORMATION SYSTEM (TEMIS) SUBJECT CODE GROUPINGS
ACCORDING TO CONTACTS MADE IN FISCAL 1971 ON THE STATE LEVEL

Subject	DISTRICT I		DISTRICT II		DISTRICT III		DISTRICT IV		DISTRICT V	
	Number of Contacts	Percent of Total	Number of Contacts	Percent of Total	Number of Contacts	Percent of Total	Number of Contacts	Percent of Total	Number of Contacts	Percent of Total
1. Food (all)	110,423	8.27	62,519	4.80	68,735	8.09	5,070	.90	61,740	6.30
2. General Agriculture	29,768	2.15	46,737	3.54	16,179	1.96	18,386	3.31	31,587	3.14
3. General Economics	1,968	.12	1,112	.07	313	.02	297	.03	2,912	.27
4. Mechanical Science	17,685	1.31	12,613	.96	9,659	1.12	8.701	1.58	10,902	1.08
5. Animal and Animal Prod.	5,350	.33	11,515	.84	5,318	.59	9,449	1.67	9,692	.94
6. Beef and Beef Prod.	30,432	2.19	31,504	2.36	18,837	2.16	17,137	3.06	30,167	3.00
7. Dairy and Dairy Prod.	5,839	.35	22,686	1.67	30,248	3.49	3,764	.62	15,185	1.48
8. Forage Test	96	.00	205	.01	53	.00	54	.00	275	.02
9. Horses	7,574	.52	7,387	.53	6,049	.70	5,947	1.07	6,172	.60
10. Poultry and Poultry Prod.	4,451	.26	7,142	.47	7,302	.80	1,460	.25	10,274	.97
11. Sheep and Sheep Prod.	543	.01	1,497	.07	255	.02	652	.08	157	.01
12. Other Animals	240	.00	2,300	.16	878	.08	827	.13	1,940	.18
13. Crops and Crop Prod.	21,919	1.41	37,110	2.68	27,598	3.07	8,889	1.45	22,712	2.11
14. Corn	12,140	.84	7,566	.53	9,176	1.03	7,695	1.34	8,601	.82
15. Cotton and Cotton Prod.	26,887	1.94	577	.02	798	.08	2,019	.36	26	.00
16. Feed Grains	1,795	.08	2,529	.17	574	.04	276	.02	3,150	.31
17. Swine and Swine Prod.	41,309	3.01	39,216	2.95	22,988	2.65	56,152	10.21	14,457	1.41
18. Soybeans	18,876	1.37	1,083	.07	1,244	.12	344	.04	230	.02
19. Tobacco	116	.00	18,142	1.36	8,264	.94	12,896	2.30	20,295	2.01
20. Horticulture (general)	15,533	.99	15,085	1.01	34,725	4.00	2,917	.47	15,953	1.49
21. Soils (general)	4,892	.31	4,551	.31	3,253	.34	2,619	.45	4,067	.38
22. Home Economics	35,246	2.59	14,886	1.09	78,164	9.12	13,530	2.40	25,137	2.52
23. Clothing	41,973	3.05	36,929	2.76	18,712	2.07	10,254	1.79	22,787	2.25
24. Crafts	43,397	3.21	31,405	2.38	30,461	3.54	5,975	1.06	19,179	1.91

TABLE XII (continued)

Subject	DISTRICT I		DISTRICT II		DISTRICT III		DISTRICT IV		DISTRICT V	
	Number of Contacts	Percent of Total	Number of Contacts	Percent of Total	Number of Contacts	Percent of Total	Number of Contacts	Percent of Total	Number of Contacts	Percent of Total
25. Equipment	2,167	.14	873	.05	1,581	.17	1,879	.33	2,520	.24
26. Family Economics	13,939	.99	7,495	.51	7,826	.88	6,302	1.09	10,899	1.08
27. Home Furnishings	25,817	1.87	23,367	1.74	12,475	1.39	5,331	.91	20,927	2.06
28. Housing	4,712	.32	2,062	.13	1,088	.11	1,625	.27	1,012	.08
29. Conservation	2,904	.29	8,383	.63	16,727	1.96	10,383	1.89	23,571	2.38
30. Wildlife	618	.04	1,730	.13	228	.02	8	.00	871	.08
31. Forest and Forest Prod.	2,759	.18	4.431	.34	3,468	.39	1,348	.23	2,671	.24
32. Family Living Envir.	5,396	.40	4,231	.32	7,313	.86	988	.18	1,067	.10
33. Health	19,133	1.43	10,405	.80	6,789	.80	4,417	.80	3,126	.32
34. Home Gardening	10,350	.77	9,115	.70	9,059	1.07	5, 178	.94	9,328	.95
35. Home Grounds and Lands.	8,967	.67	8,819	.29	2,099	.24	1,633	.29	4,006	.41
36. Human Development	7,445	.56	6,370	.49	8,777	1.03	3,496	.64	14,208	1.45
37. Human Relations	1,935	.14	1,929	.14	1,899	.22	386	.07	966	.09
38. Personal Appearance	3,610	.27	1,773	.13	2,671	.31	635	.11	1,656	.16
39. Reading	3,356	.25	5,607	.43	263	.03	459	.08	544	.05
40. Safety	25,144	1.89	5,599	.43	3,043	.36	3,770	.69	3,551	.36
41. Nutrition	168,361	12.66	140,249	10.89	89,014	10.52	88,833	16.27	88,324	9.04
42. Pests	2,777	.20	3,449	.26	232	.02	251	.04	710	.07
43. Science Programs	2,774	.19	3,009	.21	4,479	.52	5,028	.91	9,399	.95
44. Emergency Preparedness and Natural Disasters	1,322	.09	1,969	.15	287	.03	448	.08	420	.03
45. Citizenship	4,048	.30	10,828	.84	637	.07	1,216	.22	10,254	1.05
46. Photography	890	.06	2,236	.17	1,672	.19	282	.05	1,042	.10
47. Institution Management and Operations	135	.01	368	.02	429	.05	444	.08	646	.06
48. Leadership Development	35,818	2.69	33,247	2.58	29,801	3.52	34,241	6.27	36,713	3.76
49. Organizational Work	136,772	10.27	174,052	13.50	62,991	7.44	41,116	7.53	134,967	13.81

TABLE XII (continued)

Subject	DISTRICT I		DISTRICT II		DISTRICT III		DISTRICT IV		DISTRICT V	
	Number of Contacts	Percent of Total	Number of Contacts	Percent of Total	Number of Contacts	Percent of Total	Number of Contacts	Percent of Total	Number of Contacts	Percent of Total
50. Events and Activities	243,419	18.31	266,422	20.70	84,059	9.94	75,788	13.89	156,505	16.03
51. Community Study and Service Projects	4,456	.33	4,090	.31	962	.11	1,521	.27	2,806	.28
52. National Resource Dev.	12,245	.90	11,035	.83	10,984	1.28	11,310	2.05	11,036	1.11
53. Community Education	318	.02	1,370	.10	82	.00	47	.00	866	.08
54. Transportation	0	.00	0	.00	0	.00	0	.00	0	.00
55. Government	0	.00	0	.00	0	.00	0	.00	0	.00
56. Legislation	0	.00	0	.00	0	.00	0	.00	0	.00
57. Financing--Pub. and Priv. Facilities	823	,04	1,220	.08	364	.03	3,551	.63	1,385	.12
58. Planning and Zoning	0	.00	0	.00	0	.00	0	.00	0	.00
59. Pollution	953	.05	3,422	.24	1,471	.16	1,499	.26	1,016	.07
60. International Programs	107	.00	270	.01	528	.06	66	.01	54	.00
61. Program Development	26,128	1.95	39,797	3.06	22,037	2.59	10,722	1.95	24,600	2.50
62. Program Review, Prop., Pilot	366	.02	8,979	.68	1,513	.17	255	.04	1,327	.14
63. Program Evaluation	1,396	.10	4,723	.36	2,169	.25	228	.04	3,461	.35
64. General Office	30,818	2.31	8,881	.69	16,177	1.91	6,893	1.26	13,569	1.39
65. Leave (annual)	36	.00	24	.00	18	.00	5	.00	6	.00
66. Leave (other)	135	.01	687	.04	170	.01	13	.00	101	.01
67. Leave (sick)	3	.00	5	.00	2	.00	0	.00	1	.00
68. General Staff Conf.	13,327	1.00	6,115	.47	5,177	.61	2,490	.45	5,521	.56
69. Civil Rights	5	.00	39	.00	5	.00	188	.03	2	.00
70. Administrative	24,472	1.82	48,945	3.77	22,788	2.64	14,192	2.56	30,466	3.08
71. Training	373	.02	2,201	.14	1,034	.09	1,544	.26	1,673	.15
Total	1,329,233	100.00	1,286,609	100.0	884,816	100.00	545,490	100.00	975,739	100.00

TABLE XIII

TENNESSEE EXTENSION MANAGEMENT INFORMATION SYSTEM (TEMIS) AUDIENCE CODE GROUPINGS
ACCORDING TO TIME EXPENDITURES AND CONTACTS MADE IN
FY 1970 AND FY 1971 ON THE STATE LEVEL

Audience Code Grouping	FY 1970 Spent Time				FY 1971 Spent Time			
	Man-days Expended	Percent of Total	Number of Contacts	Percent of Total	Man-days Expended	Percent of Total	Number of Contacts	Percent of Total
1. Association	3,405.13	2.14	154,502	3.29	2,512,89	1.38	119,196	2.25
2. Business (Non-cooperative)	1,430.61	.91	68,815	1.46	1,452.51	.80	68,319	1.29
3. Producer--Non-Coop (Agriculture)	20,838.50	13.04	515,613	10.99	21,416.25	11.66	593,914	11.21
4. Rapid Adjustment Farm	261.00	.16	1,071	.02	237.00	.13	1,331	.02
5. Resource Management Farm	1,924.00	1.20	16,322	.35	1,871.38	1.02	15,415	.29
6. Cooperative (General)	462.38	.27	25,021	.52	388.87	.20	30,371	.56
7. Family Members and Parents	1,698.00	1.06	107,835	2.30	3,000.50	1.63	153,043	2.89
8. Home Demonstration Club Members	5,999.12	3.76	243,862	5.20	5,502.38	3.00	223,187	4.21
9. Young Homemakers	299.50	.19	4,445	.09	785.50	.43	9,693	.18
10. Senior Citizens	162.50	.10	6,100	.13	461.75	.25	9,487	.19
11. Working Women	212.75	.13	3,082	.06	206.75	.11	3,263	.06
12. Public Housing Tenants	1,605.12	1.00	15,375	.33	1,763.88	.96	22,361	.42
13. Handicapped	291.00	.18	2,831	.06	220.75	.12	2,538	.05
14. Disadvantaged	2,425.12	1.52	36,793	.78	8,013.25	4.36	104,152	1.97
15. Donated Food Participant	2,761.38	1.73	30,414	.65	3,543.00	1.93	43,689	.82

TABLE XIII (Continued)

Audience Code Grouping	FY 1970 Spent Time				FY 1971 Spent Time			
	Man-days Expended	Percent of Total	Number of Contacts	Percent of Total	Man-days Expended	Percent of Total	Number of Contacts	Percent of Total
16. Food Stamp Recipient	2,126.50	1.33	29,402	.63	5,908.75	3.22	51,137	.96
17. Homemakers	17,597.38	11.02	230,505	4.91	17,213.75	9.37	245,908	4.64
18. Leaders	2,439.12	1.53	121,489	2.59	1,970.12	1.07	98,629	1.85
19. Professional (Extension)	43,054.38	26.94	195,988	4.18	44,797.12	24.39	237,505	4.47
20. Professional - Non-Prof. (Non-Extension)	3,833.51	2.41	139,633	2.98	3,788.13	2.05	118,785	2.24
21. Non-Prof. (Extension)	8,684.87	5.43	48.588	1.03	15,029.00	8.19	59,420	1.12
22. Youth	30,886.45	19.33	2,242.454	52.79	33,576.63	18.29	2,452,954	46.31
23. Adult	3,138.63	1.97	253,331	5.40	4,032.76	2.19	368,339	6.97
24. Committees	223.99	.14	8,515	.18	456.13	.24	19,032	.35
25. Development Organizations	627.38	.38	48,577	1.04	615.37	.33	40,092	.75
26. Community Clubs	415.62	.26	36,309	.77	528.00	.29	31,276	.59
27. Home Demonstration Clubs	1,682.88	1.05	64,094	1.37	2,069.50	1.13	104,282	1.97
28. Universities and Colleges	342.75	.22	6,393	.13	276,49	.14	5,091	.10
29. All Government Bodies	602.87	.36	26,593	.56	779.87	.41	58,663	.82
30. County Agricultural Extension Committee	188.75	.12	3,782	.08	192.38	.10	3,346	.06
31. Private Agencies	28.12	.02	1,111	.02	14.50	.00	440	.00
32. Cooperative and Federal Extension Service	92.63	.05	1,291	.03	149.38	.08	685	.01
Total	159,751,73	99.96	4,690,106	99.08	182,774.54	99.47	5,295,513	99.62

TABLE XIV

TENNESSEE EXTENSION MANAGEMENT INFORMATION SYSTEM (TEMIS) CONTACTS PER MAN-DAY BY AUDIENCE CODE GROUPINGS ON THE STATE LEVEL IN FISCAL 1970 AND 1971

Audience Code Grouping	State Contacts Per Man-day Fiscal 1970	State Contacts Per Man-day Fiscal 1971
1. Association	45	47
2. Business (Non-Cooperative)	48	47
3. Producer--Non-Coop. (Agric.)	24	27
4. Rapid Adjustment Farm	4	5
5. Resource Management Farm	9	8
6. Cooperative (General)	54	78
7. Family Members and Parents	64	50
8. Home Demonstration Club Members	40	40
9. Young Homemakers	14	12
10. Senior Citizens	38	20
11. Working Women	14	15
12. Public Housing Tenants	10	12
13. Handicapped	9	11
14. Disadvantaged	15	13
15. Donated Food Participant	11	12
16. Food Stamp Recipient	13	8
17. Homemakers	13	14
18. Leaders	49	50
19. Professional (Extension)	4	5
20. Professional - Non-Professional (Non-Extension)	36	31
21. Non-Professional (Extension)	6	3
22. Youth	72	73
23. Adult	80	91

TABLE XIV (Continued)

Audience Code Grouping	State Contacts Per Man-day Fiscal 1970	State Contacts Per Man-day Fiscal 1971
24. Committees	38	41
25. Development	77	65
26. Community Clubs	87	59
27. Home Demonstration Clubs	38	50
28. Universities and Colleges	18	18
29. All Government Bodies	45	75
30. County Agricultural Extension Committee	20	18
31. Private Agencies	39	30
32. Cooperative and Federal Extension Service	14	5
Average	30	28

TABLE XV

TENNESSEE EXTENSION MANAGEMENT INFORMATION SYSTEM (TEMIS) AUDIENCE CODE GROUPINGS
ACCORDING TO TIME EXPENDITURES MADE IN FY 1971 ON THE DISTRICT LEVEL

Audience Code Grouping	DISTRICT I		DISTRICT II		DISTRICT III		DISTRICT IV		DISTRICT V	
	Man-days Expended	Percent of Total	Man-days Expended	Percent of Total	Man-days Expended	Percent of Total	Man-days Expended	Percent of Total	Man-days Expended	Percent of Total
1. Association	496	1.18	457	1.16	261	.87	170	.69	253	.77
2. Business (Noncooperative)	211	.48	643	1.63	139	.46	80	.30	240	.72
3. Producer--Non-cooperative (Agric.)	6,649	16.22	3,900	10.19	2,424	8.39	2,453	10.31	3,759	11.85
4. Rapid Adjustment Farm	60	.14	32	.08	48	.16	12	.05	55	.17
5. Resource Management Farm	210	.51	494	1.29	456	1.57	50	.21	597	1.88
6. Cooperative (general)	69	.15	95	.23	36	.11	51	.20	46	.12
7. Family Members and Parents	585	1.42	433	1.13	686	2.37	877	3.68	356	1.12
8. Home Demonstration Club Members	608	1.48	1,876	4.90	1,145	3.96	866	3.64	995	3.13
9. Young Homemakers	75	.18	104	.27	73	.25	153	.64	380	1.20
10. Senior Citizens	91	.22	38	.10	46	.16	174	.73	109	.34
11. Working Women	61	.14	46	.12	21	.07	44	.18	35	.11
12. Public Housing Tenants	722	1.76	384	1.00	336	1.16	152	.64	170	.53
13. Handicapped	20	.04	28	.07	38	.13	71	.29	64	.20
14. Disadvantaged	493	1.20	3,138	8.20	2,260	7.83	859	3.61	1,205	3.80
15. Donated Food Participant	2,092	5.10	1,433	3.74	4	.01	3	.01	8	.02
16. Food Stamp Recipient	1,644	4.01	560	1.46	1,244	4.31	895	3.76	1,562	4.92
17. Homemakers	4,039	9.85	2,084	5.44	3,687	12.77	4,285	18.01	3,006	9.47
18. Leaders	381	.92	565	1.46	277	.94	121	.48	590	1.84
19. Professional (Extension)	8,171	19.91	7,669	19.99	6,850	23.69	4,762	19.97	7,650	24.08

TABLE XV (continued)

Audience Code Grouping	DISTRICT I Man-days Expended	DISTRICT I Percent of Total	DISTRICT II Man-days Expended	DISTRICT II Percent of Total	DISTRICT III Man-days Expended	DISTRICT III Percent of Total	DISTRICT IV Man-days Expended	DISTRICT IV Percent of Total	DISTRICT V Man-days Expended	DISTRICT V Percent of Total
20. Professional-Non-Professional (Non-Extension)	1,193	2.89	508	1.31	292	.99	194	.80	417	1.30
21. Non-Professional (Extension)	3,243	7.90	4,336	11.31	2,014	6.96	3,328	13.96	2,080	6.55
22. Youth	7,294	17.75	8,014	20.91	5,130	17.74	3,632	15.24	6,667	20.99
23. Adult	1,136	2.76	591	1.53	655	2.26	252	1.05	576	1.80
24. Committees	75	.16	55	.13	55	.18	44	.18	92	.28
25. Development Organizations	107	.24	116	.28	110	.37	45	.18	83	.25
26. Community Clubs	121	.29	106	.27	99	.34	44	.18	150	.47
27. Home Demonstration Clubs	956	2.33	374	.97	285	.98	76	.32	378	1.19
28. Universities and Colleges	38	.08	14	.02	13	.04	15	.05	22	.06
29. All Government Bodies	154	.35	111	.26	113	.37	68	.26	139	.41
30. County Agricultural Extension Committee	20	.05	57	.14	68	.23	23	.09	22	.07
31. Private Agencies	2	.00	7	.01	1	.00	1	.00	2	.00
32. Cooperative and Federal Extension Service	1	.00	2	.00	3	.01	0	.00	1	.00
Total	40,992	100.00	38,262	100.00	28,864	100.00	23,792	100.00	31,714	100.00

TABLE XVI

TENNESSEE EXTENSION MANAGEMENT INFORMATION SYSTEM (TEMIS) AUDIENCE CODE GROUPINGS
ACCORDING TO CONTACTS MADE IN FY 1971 ON THE DISTRICT LEVEL

Audience Code Grouping	DISTRICT I		DISTRICT II		DISTRICT III		DISTRICT IV		DISTRICT V	
	Contacts Made	Percent of Total	Contacts Made	Percent of Total	Contacts Made	Percent of Total	Contacts Made	Percent of Total	Contacts Made	Percent of Total
1. Association	33,744	2.50	25,520	1.95	15,335	1.76	20,329	3.70	6,888	.67
2. Business (Non-cooperative)	18,847	1.37	34,444	2.68	3,425	.38	5,950	1.03	4,106	.36
3. Producer—Non-cooperative (Agric.)	161,763	12.16	121,862	9.47	72,913	8.63	98,139	17.99	107,590	11.02
4. Rapid Adjustment Farm	351	.02	406	.03	174	.02	98	.01	171	.01
5. Resource Management Farm	1,807	.13	3,788	.29	3,147	.37	650	.11	5,982	.61
6. Cooperative (general)	5,740	.41	8,939	.67	2,911	.33	1,699	.29	4,378	.43
7. Family Members and Parents	19,528	1.46	18,476	1.43	70,620	8.35	31,977	5.86	10,900	1.11
8. Home Demonstration Club Members	4,334	3.26	80,915	6.28	31,097	3.68	26,490	4.85	41,045	4.20
9. Young Homemakers	1,570	.11	1,445	.11	726	.08	1,792	.32	4,165	.42
10. Senior Citizens	3,406	.25	2,871	.22	509	.06	1,640	.30	1,506	.15
11. Working Women	1,159	.08	815	.06	196	.02	684	.12	406	.04
12. Public Housing Tenants	5,410	.40	5,415	.42	7,814	.92	1,617	.29	2,115	.21
13. Handicapped	422	.03	351	.02	464	.05	672	.12	629	.06
14. Disadvantaged	13,030	.98	43,854	3.40	24,122	2.85	7,186	1.31	15,933	1.63
15. Donated Food Participant	31,212	2.34	11,422	.88	65	.00	893	.16	122	.01
16. Food Stamp Recipient	17,347	1.30	3,801	.29	11,112	1.31	6,742	1.23	12,128	1.24
17. Homemakers	71,110	5.34	49,792	3.87	50,256	5.94	41,545	7.61	32,649	3.34
18. Leaders	17,296	1.28	37,161	2.87	7,155	.83	2,694	.47	18,558	1.87
19. Professional (Extension)	55,085	4.08	43,158	3.30	24,879	2.89	12,615	2.25	36,065	3.63

TABLE XVI (continued)

Audience Code Grouping	DISTRICT I Contacts Made	DISTRICT I Percent of Total	DISTRICT II Contacts Made	DISTRICT II Percent of Total	DISTRICT III Contacts Made	DISTRICT III Percent of Total	DISTRICT IV Contacts Made	DISTRICT IV Percent of Total	DISTRICT V Contacts Made	DISTRICT V Percent of Total
20. Professional-Non-Professional (Non-Extension)	19,094	1.42	27,502	2.12	6,925	.81	5,619	1.01	31,594	3.21
21. Non-Professional (Extension)	11,078	.81	14,877	1.14	9,774	1.15	10,760	1.96	12,883	1.30
22. Youth	598,892	45.00	656,533	50.99	338,026	39.97	244,495	44,78	500,914	51.28
23. Adult	105,729	7.94	58,795	4.56	133,153	15.75	6,031	1.10	54,434	5.57
24. Committees	3,729	.26	2,871	.19	2,223	.24	2,885	.51	4,001	.10
25. Development Organization	7,715	.56	8,164	.62	5,523	.64	5,444	1.22	6,776	.69
26. Community Clubs	6,322	.47	7,461	.57	7,221	.85	2,086	.38	7,983	.81
27. Home Demonstration Clubs	59,219	4.45	10,623	.82	10,516	1.24	1,914	.35	22,021	2.25
28. Universities and Colleges	352	.01	132	.00	252	.02	82	.01	971	.09
29. All Government Bodies	15,678	1.13	4,021	.28	3,326	.36	2,553	.44	28,893	2.92
30. County Agricultural Extension Committee	326	.02	1,250	.09	1,089	.12	345	.06	301	.03
31. Private Agencies	32	.00	169	.00	3	.00	180	.03	45	.00
32. Cooperative and Federal Extension Service	12	.00	180	.01	0	.00	0	.00	0	.00
Total	1,329,233	100.00	1,286,609	100.00	844,816	100.00	545,490	100.00	975,760	100.00

TABLE XVII

TENNESSEE EXTENSION MANAGEMENT INFORMATION SYSTEM (TEMIS) PURPOSES ACCORDING TO TIME EXPENDITURES AND CONTACTS MADE ON THE STATE LEVEL IN FISCAL 1970 AND 1971

	FY 70 State Spent Time				FY 71 State Spent Time			
Purpose Code	Man-days Expended	Percent of Total	Number of Contacts	Percent of Total	Man-days Expended	Percent of Total	Number of Contacts	Percent of Total
010	594.12	.37	16,256	.35	643.62	.35	47,945	.90
011	153.62	.10	4,172	.09	182.88	.10	5,280	.10
020	1,243.00	.78	30,956	.66	1,300.25	.71	29,097	.55
021	2,984.12	1.87	25,893	.55	2,575.00	1.40	24,170	.46
022	139.62	.09	1,916	.04	157.25	.08	1,542	.03
030	407.12	.25	3,653	.08	338.75	.18	4,474	.08
031	753.88	.47	11,507	.24	798.00	.43	8,921	.17
032	67.25	.04	2,084	.04	35.12	.02	220	.00
033	28.75	.02	356	.01	22.62	.01	145	.00
040	2,535.75	1.59	49,153	1.05	2,660.00	1.45	70,080	1.32
041	4,921.00	3.08	122,690	2.62	4,001.00	2.18	100,791	1.90
042	515.12	.32	5,773	.12	479.12	.26	3,996	.08
050	3,265.38	2.04	72,536	1.55	3,368.00	1.83	86,096	1.62
051	1,095.25	.68	27,460	.58	1,166.38	.64	19,271	.36
052	169.62	.11	1,517	.03	399.88	.22	3,760	.07
060	2,294.38	1.44	13,702	1.00	2,847.38	1.55	59,254	.17
061	461.50	.29	13,702	.29	497.12	.27	9,217	.17

TABLE XVII (continued)

Purpose Code	FY 70 State Spent Time				FY 71 State Spent Time			
	Man-days Expended	Percent of Total	Number of Contacts	Percent of Total	Man-days Expended	Percent of Total	Number of Contacts	Percent of Total
062	77.25	.05	781	.02	149.12	.08	2,376	.04
110	208.12	.13	4,916	.10	132.38	.07	2,530	.05
120	23.25	.01	141	.00	77.62	.04	7,698	.14
121	15.00	.01	15	.00	33.00	.02	118	.00
130	60.38	.04	680	.01	27.00	.01	486	.01
190	2,472.38	1.55	112,220	2.39	2,751.25	1.50	151,482	2.86
200	289.75	.18	10,518	.22	264.88	.14	15,366	.29
210	305.75	.19	25,698	.55	211.75	.12	6,334	.12
220	671.00	.42	304,849	6.50	755.75	.41	390.77	7.37
230	9.38	.00	250	.00	6.50	.00	117	.00
240	93.38	.06	1,391	.03	51.62	.03	217	.00
300	18.75	.01	347	.01	38.75	.03	366	.01
310	6.62	.00	57	.00	1.25	.00	20	.00
320	8.25	.00	82	.00	8.38	.00	168	.00
380	1,832.50	1.15	73,187	1.56	2,018.25	1.10	85,332	1.61
381	214.38	.13	8,541	.18	293.88	.16	9,711	.18
382	279.25	.17	14,828	.32	311.50	.17	10,501	.20
390	297.38	.19	15,638	.33	292.12	.16	10,941	.21
391	34,353.38	21.50	261,063	5.56	3,462.00	1.88	51,085	.96

TABLE XVII (continued)

Purpose Code	FY 70 State Spent Time				FY 71 State Spent Time			
	Man-days Expended	Percent of Total	Number of Contacts	Percent of Total	Man-days Expended	Percent of Total	Number of Contacts	Percent of Total
392					49,608.62	27.01	365,460	6.90
460	101.25	.06	6,704	.14	113.00	.06	2,644	.05
470	212.75	.13	3,671	.08	165.12	.09	4,862	.09
480	62.88	.04	1,880	.04	103.75	.06	2,439	.05
481	3.50	.00	89	.00	16.75	.01	57	.00
540	13,818.12	8.65	975,979	20.80	16,273.62	8.86	1,128,810	21.30
550	2,444.38	1.53	203,153	4.33	2,730.50	1.49	202,002	3.81
560	944.62	.59	58,064	1.24	675.50	.37	38,723	.73
570	2,034.38	1.27	154,204	3.29	1,927.62	1.05	115,790	2.18
580	13,246.12	8.29	873,894	18.63	13,221.75	7.20	945,867	17.85
541					2,755.38	1.50	91,188	1.72
630	1,042.75	.65	51,421	1.10	822.62	.45	34,882	.66
631	334.12	.21	15,019	.32	353.00	.19	9,456	.18
632	473.62	.30	11,692	.25	387.12	.21	9,910	.19
640	96.00	.06	2,179	.05	95.00	.05	1,844	.03
650	1,535.50	.96	42,735	.91	1,337.62	.73	39,502	.74
651	455.88	.28	14,150	.30	523.00	.28	13,867	.26
652	340.88	.21	11,624	.25	492.00	.27	13,094	.25
653	303.25	.19	12,932	.28	231.38	.12	8,204	.15

TABLE XVII (continued)

Purpose Code	FY 70 State Spent Time				FY 71 State Spent Time			
	Man-days Expended	Percent of Total	Number of Contacts	Percent of Total	Man-days Expended	Percent of Total	Number of Contacts	Percent of Total
654	584.88	.37	48,156	1.03	659.75	.36	24,962	.47
655	3,112.88	1.95	91,682	1.95	3,545.00	1.93	113,825	2.15
656	477.12	.30	9,632	.20	847.62	.46	15,408	.29
660	189.75	.12	3,055	.06	172.50	.09	5,316	.10
661	75.12	.05	1,363	.03	80.88	.04	2,065	.04
670	207.88	.13	10,634	.23	213.88	.12	16,159	.30
680	22.12	.01	1,772	.04	30.25	.02	1,307	.02
690	262.62	.16	14,592	.31	343.62	.19	18,457	.35
700	33.12	.02	1,603	.03	50.88	.03	2,378	.04
710	162.25	.10	5,441	.12	221.75	.12	7,461	.14
720	20.75	.01	941	.02	27.62	.02	1,243	.02
730	1,022.62	.64	41,771	.89	867.25	.47	31,676	.60
740	918.12	.57	63,512	1.35	1,002.50	.54	58,580	1.10
741	272.88	.17	16,839	.36	374.25	.20	17,895	.34
750	308.38	.19	11,334	.24	245.25	.13	11,872	.22
760	164.75	.10	7,830	.17	189.12	.10	8,920	.17
770	124.12	.08	5,976	.13	98.75	.05	4,035	.08
771	45.62	.03	3,046	.06	70.88	.04	13,810	.26
810	182.62	.11	7,214	.15	138.12	.08	3,484	.06

TABLE XVII (continued)

Purpose Code	FY 70 State Spent Time				FY 71 State Spent Time			
	Man-days Expended	Percent of Total	Number of Contacts	Percent of Total	Man-days Expended	Percent of Total	Number of Contacts	Percent of Total
820	14.25	.01	229	.00	19.38	.01	374	.01
830	29.00	.02	1,047	.02	17.62	.01	389	.01
870	104.62	.06	158	.00	121.25	.07	614	.01
871	178.50	.11	1,033	.02	253.38	.14	3,017	.06
880	226.12	.14	562	.01	184.00	.10	1,138	.02
881	121.25	.08	741	.02	134.75	.07	1,253	.02
890	292.12	.18	6,129	.13	222.50	.12	22,320	.42
900	16.62	.01	686	.01	54.50	.03	2,736	.05
910	21.50	.01	431	.01	55.75	.03	1,328	.02
940					758.50	.43	4,327	.08
941					859.25	.47	8,484	.16
942					1,082.88	.59	8,613	.16
943					803.12	.44	6,277	.12
944					1,198.12	.65	9,037	.17
945					84.50	.05	1,921	.04
946					305.25	.17	2,243	.04
947					1,713.50	.93	5,797	.11
950	2,173.00	1.36	14,325	.30				

TABLE XVII (continued)

Purpose Code	FY 70 State Spent Time				FY 71 State Spent Time			
	Man-days Expended	Percent of Total	Number of Contacts	Percent of Total	Man-days Expended	Percent of Total	Number of Contacts	Percent of Total
951	71.25	.04	571	.01				
952	114.75	.07	546	.01				
953	276.62	.17	852	.02				
954	3,188.62	2.00	7,223	.15				
960	628.25	.39	7,950	.17				
961	47.00	.01	387	.01				
962	21.88	.01	204	.00				
963	214.12	.13	1,418	.03				
964	840.62	.53	17,043	.36				
970	9,038.38	5.66	330,131	704	8,991.25	4.90	382,468	7.22
980	33,630.00	21.05	241.770	5.15	19,038.00	10.37	228.866	4.32
990					13,563.50	7.38	330	.01
Total	159,751.70	99.92	4,691,203	99.93	183,651.72	99.97	5,298,547	99.92

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